CLAIMS

1. A machine tool for processing oblong workpieces (14), particularly tubes, flat profiles, and hollow profiles, using laser beams, a receiving device (13) for clamping the workpiece (14) on one side and, in the region of the laser beam processing, a slide (21), displaceable on guide rails (20) in the lengthwise direction of the machine tool (1), being provided, characterized in that an autonomously controllable drive (23) is provided on this at least one slide (21; 49), its power take-off (24) is provided with a geared wheel (25) and engages in a toothed rack (26) positioned in the lengthwise direction of the machine tool, and the slide (21; 49) is the carrier (29) of supports (39) and/or guides (44) or trays (46) and/or ejectors (51) and/or suction devices (40, 41), which support, guide, receive, and/or eject the workpiece (14) to be processed and/or the already processed workpiece (14').

2. The machine tool for processing oblong workpieces (14) using laser beams, particularly tubes, flat profiles, and hollow profiles, a receiving device (13) for clamping the workpiece (14) on one side and, in the region of the laser beam processing, a slide (21), displaceable on guide rails (20) in the lengthwise direction of the machine tool (1), as well as a drive (23) for the lengthwise displacement of the slide (21) being provided, characterized in that the at least one slide (21; 49) has a carrier (29; 50) having multiple attachment elements (33, 34) for replaceable, removable attachment of at least one auxiliary device (37), particularly a support element (39), a centering element (44), a suction lance (40), a collector (46) for workpieces (14') which have been cut to length, and/or an ejector (51).

3. The machine tool according to Claim 2, wherein the attachment elements (33, 34) are positioned on the carrier (29) in a regular raster.

4. The machine tool according to one of Claims 1 through 3, wherein the carrier (29) is movably guided vertically on the slide (21) and is connected to the slide (21) via a lifting element (30, 31).

5. The machine tool according to one of Claims 1 through 4, wherein the slide (21) is connected via a flexible line (32) to a control unit (35).

6. The machine tool according to one of Claims 1 through 5, wherein the auxiliary device (37) includes a suction lance (40) whose end section runs parallel to the lengthwise extension of the machine tool (1) in the mounted state, and which is connected via a flexible hose (41) to a suction source.

7. The machine tool according to one of Claims 1 through 6, wherein the carrier (29) has attachment holes (33) or undercut grooves (34) in a regular raster for receiving attachment screws (38) for the auxiliary device (37).

8. The machine tool according to one of Claims 2 through 7, wherein the drive includes a motor (23) attached to the slide (21), on whose driven shaft (24) a geared wheel (25) is attached, which engages with a toothed rack (26), fixed to the housing, which extends parallel to the lengthwise guides (20).

9. The machine tool according to one of Claims 1 through 8, wherein the carrier (29) has positioning elements (56) for exact alignment of the auxiliary device (37) on the carrier (29).

10. The machine tool according to Claim 9, wherein the positioning elements (56) are centering holes for receiving centering pins (57).

11. The machine tool according to Claim 1 or 2, wherein a support (50), whose height is adjustable, is positioned on at least one second slide (49).

12. The machine tool according to Claim 11, wherein at least one of these further slides (49) is manually displaceable.